

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/010,580

DATE: 12/19/2001 TIME: 10:32:09

Input Set : A:\ORT1458seq1st.txt
Output Set: N:\CRF3\12192001\J010580.raw

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             baker, sherry
     7 <120> TITLE OF INVENTION: polynucleotide and polypeptide sequences of canine cathepsin
      9 <130> FILE REFERENCE: ORT-1458
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/010,580
C--> 11 <141> CURRENT FILING DATE: 2001-11-08
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     13 170> SOFTWARE: PatentIn version 3.1
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DATE: 12/19/2001

Input Set : A:\ORT1458seqlst.txt Output Set: N:\CRF3\12192001\J010580.raw

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91 Val Pro Ser GIII	iib gin mia	10	5		110	
92 100 95 Gln Lys Leu Pro	Asp Ser Val	Asp Tr	p Arg G	lu Lys Gl	Ly Cys Val	LThr
06 115		120		_ 12	25 L- Dhe Co	r Ala
96 115 99 Glu Val Lys Tyr	Gln Gly Ser	Cys Gl	y Ala C	ys Trp A.	la Phe Sei	L Ala
100 130	13	5		140	ale Tuo I	on Val
100 130 103 Val Gly Ala Leu	Glu Ala Gl	n Leu L	ys Leu	Lys Thr	TA TAP T	160
104 145	150			155	al. Inc T	ur Glv
104 145 107 Ser Leu Ser Ala	Gln Asn Le	eu Val A	Asp Cys	Ser Thr	GIU LYS I	75
109	165		170		nha Cln T	ur Ile
108 111 Asn Lys Gly Cys	Asn Gly Gl	Ly Phe N	Met Thr	Thr Ala	Fue GIU I	y - 110
112 180)	3	185	_	190	vc Ala
112 180 115 Ile Asp Asn Asn	Gly Ile As	sp Ser (Glu Ala	Ser Tyr	STO IAL P	yo nia
116 195	-	200			205	hr Cve
116 195 119 Met Asn Gly Lys	S Cys Arg Ty	yr Asp S	Ser Lys	Lys Arg	WIS WIS I	111 013
120 210	21	15		220	Ala Tou T	ve Glu
120 210 123 Ser Lys Tyr Th:	r Glu Leu Pr	ro Phe	Gly Ser	GIU ASP	Wig red r	240
124 225	230			235	Agp 812 9	Ser His
124 225 127 Ala Val Ala As	n Lys Gly Pi	ro Val	Ser Val	Ala lie	Wab wra a	255
128	245		250	m m	clu Pro 9	Ser Cvs
128 131 Tyr Ser Phe Ph	e Leu Tyr A:	rg Ser	Gly Val	Tyr Tyr	270	,cr cys
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132 26 135 Thr Gln Asn Va	l Asn His G	ly Val	Leu Val	val Gly	TAL GTA V	an nea
136 275		280			260	Asn Phe
136 275 139 Asn Gly Lys As	p Tyr Trp L	eu Val	Lys Asn	ser Trp	ота теп и	TOIL THE
140 290	- 2	95		300	Cly Asn	His Cvs
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VERIFICATION SUMMARY

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Input Set : A:\ORT1458seqlst.txt Output Set: N:\CRF3\12192001\J010580.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date